



Cook Legacy February eNews

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Featured In This Issue:

Fortune Cookie Wisdom



Do you ever wish you could see the future? Timing a market is kind of like betting on a fortune cookie, but people can make educated guesses. It is always wise to ask, "where are we going?" We wanted to take a few issues of the eNews to discuss where we're going in some of the markets we work in.

Coanda Power Systems - The world needs power. All around the world there is small hydro development and interest from independent power producers. Cook Legacy is investigating projects on six continents. Within that context, we've developed a solution that is adaptable to small hydro sites around the world. Coanda Power Systems — a simple, modular, low-maintenance small hydro solution. Coanda Power Systems combines two primary elements: a Powerhouse and the intake structure, the Coanda Power Box. Read more about the Coanda Power Box in the [Featured Product](#) section below.

Fish Protection - Due to changes in the Endangered Species Act and section 316(b) of the Clean Water Act, changes are ahead for many power plants around the United States concerning fish protection. Cook Legacy is busy developing technology-based solutions for 316(b) compliance.

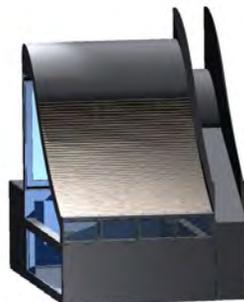
Low-Head Hydro - There is abundant potential for low-head hydropower production in places that wouldn't normally be conducive to hydropower. Irrigation canals, mills, and other sites that move water are all made low-head hydro candidates by adding a turbine to generate power.

We'll take a look at the future of Cook Legacy and these markets over the next three months. We'll examine technical details and how Cook Legacy might provide water intake solutions in each of these areas.

If you have a question that Cook Legacy can help with, [contact us](#).

Thank you,
[Randy Surface](#), Communications Director

Featured Product:



Coanda Power Box Makes Small Hydro Simple

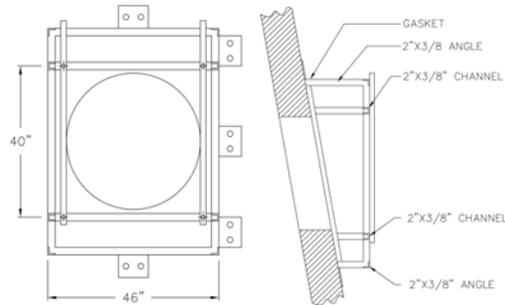
Coanda Power Systems provides a green, robust, and proven solution for small hydropower. Cook Legacy's Coanda Power Box is a modular unit that can be dropped into a site — along with a Powerhouse — to generate power. It features an entire intake structure, including a Coanda Effect screen, accelerator, adjustable spillway, and catch basin. The modular design allows for fast and economical development. As a part of a Coanda Power Systems hydropower solution, the Coanda Power Box makes small hydro simple.

If your company has any questions about Coanda Power, please [contact Cook Legacy](#) or visit

Case Study:

Dempsey E Benton Intake and AirBurst

When the City of Raleigh, North Carolina needed a variable-level intake system for their new water treatment plant, Cook Legacy developed a technology-based solution to the problem. Specific elevations based on environmental factors were present at the Dempsey E. Benton Water Treatment Plant that required the operators to be able to vary the intake level of the plant. Cook Legacy designed and built a custom connection box that allowed for efficient water flow while still setting the intake at the appropriate levels.



The plant is online and operating smoothly. Recently, the plant and the company that built it, ARCADIS, received an award for Engineering Excellence from the North Carolina chapter of the American Council of Engineering Companies.



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Upcoming Events:

Stop by and visit Cook Legacy displaying with Norris Screen at booth number 1029 at the Renewable Energy World Conference in Tampa, Florida, March 8-10.
